

Technical Data Sheet

Product	<b>Anti-Hu CD21 FITC</b>	
Cat. Number/Size	<b>1F-306-T025</b>	<b>25 tests</b>
	<b>1F-306-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD21
Clone	LT21
Format	FITC
Reactivity	Pig, Human, Dog, Cow
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The antibody LT21 reacts with an extracellular epitope of CD21 (CR2), a 145 kDa transmembrane glycoprotein (complement C3d receptor - C3dR) expressed on B lymphocytes, follicular dendritic cells, some epithelial cells and a subsets of T lymphocytes. It is not expressed on immature B cells.
Other names	CR2, C3DR2, CVID7, SLEB9
Workshop	HLDA VI: WS Code B CD21.1
Immunogen	IM9 human B-lymphoblastoid cell line
Entrez Gene ID	1380
Gene name	CR2
NCBI Full Gene Name	complement C3d receptor 2
UniProt ID	P20023

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Preparation	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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